

MICRONIZED BARIUM SULFATE

CROSS REFERENCE TO RELATED APPLICATIONS

WAL [0001] This application is a continuation of, U.S. patent application no. 10/305,400, filed November 27, 2002, ^{abandoned,} which in turn is a continuation of international patent application no. PCT/EP01/06031, filed May 26, 2001 designating the United States of America and published in German as WO 01/92157, the entire disclosure of which is incorporated herein by reference. Priority is claimed based on Federal Republic of Germany patent application no. DE 100 26 791.2, filed May 31, 2000.

BACKGROUND OF THE INVENTION

[0002] The present invention relates to a particulate barium sulfate, its production, and its use.

[0003] Barium sulfate may be used as a pigment in paper production, for example. Other intended applications, such as an additive for cosmetics like skin creams and sunscreens, or as a filler in pigments, adhesives, or rubber articles, however, require extremely fine particles of BaSO₄.

SUMMARY OF THE INVENTION

[0004] An object of the present invention is to provide a new effective method for producing a finely dispersed, particulate micronized barium sulfate.

WAL [0005] Another object of the invention is to provide an improved micronized barium ^{sulfate} ~~carbonate~~ which may be used as an additive for cosmetics or as filler for pigments, adhesives, or rubber articles.